

Candy apple

The Newsletter of the South Jersey Apple Users Group

Fifty cents

June 1988

**This month's meeting on June 17:
Discussion of our Bulletin Board
and Telecommunications**

INSIDE:

CLUB NOTES	2
IN TONGUES	3
CALENDAR.....	4
SPECIAL INTEREST GROUP NEWS	5
OVER 33 BILLION DOLLARS!.....	5
WYSIn'tWYG: A Review of <i>Publish It!</i>	6
BBS NUMBERS	7
KIDDIE COMPUTERS	8
UNOFFICIAL PRINT SHOP	9
MAP TO THE MAIN MEETING.....	10

Candyapple

The Candy Apple is published for the members of the South Jersey Apple Users Group (SJAUG) and other computer clubs on an exchange basis. SJAUG is a nonprofit organization devoted to the exchange of public domain information, ideas, and the common interests of Apple Computer users and is in no way affiliated with Apple Computers or any other commercial organization. The views expressed herein are the sole responsibility of each author and do not necessarily represent the views of SJAUG. Newsworthy material, classified advertisements, and any other Candy Apple related material should be mailed to the editor: Terry Wilson, 318 Timberline Dr., Mt. Holly, NJ 08060.

Membership renewals and all other correspondence to the club should be addressed to:

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Anyone willing to volunteer help in their particular area of expertise, please contact the editor.

CLUB NOTES

I would like to begin this month's column by thanking all of the people that helped me last month when my mother passed away. Special thanks go to Mike Wogan for running the meeting and to our editor, Terry Wilson, who filled in for my column on short notice. For the other people that had inquired, my daughter's wedding to Dave Taylor, our club's Mac SIG chairman was memorable.

There have been a number of initiatives that are now beginning to benefit the members. The bulletin board is up and in use. We are in the process of ordering improved software to support it. As Terry mentioned last month we have ordered new public domain software but have not received it. This is both Apple and Macintosh software. We have received the operating system disks from Apple. These include DOS 3.3, ProDOS 8, V1.4, Macintosh System Tools 1&2, V5.0 and Macintosh Utilities 1&2, V5.0. The club has entered into an User Group Distribution Agreement with Apple. As new improvements to the operating systems are made, the club will be able to provide them to the members at media cost. HyperCard upgrades will also come under this agreement. At last month's meeting disk sales continued as well as starting a door prize give away.

Another initiative that is under way is the review of the club's constitution. A committee made up of Bill Carey, Phil DeVicci, Ethel Graham, Jerry Segal and Mike Wogan will conduct this review. Their recommendations will be reviewed by the executive board prior to being presented to the members for discussion and approval. Anyone who would like to submit a proposed change to the constitution may do so by contacting one of the committee members.

Even though summer is a busy time for us all, try to attend the club meetings. We've tried to plan a series of interesting programs for the summer. This month's will be about the club's bulletin board and telecommunications. This is a good opportunity to find out about the board and how easy it is to communicate with your computer. July will be a flea market and auction. So start getting things together either to sell yourself or to donate to the club to be auctioned off. August will bring us a program on disk drive maintenance and a disk adjustment clinic. Summer will be closed out with a demonstration of Family Roots. This is one of the best genealogy programs available for the Apple. And genealogy is a very interesting hobby. So plan to attend all the summer meetings for information and a good time. See you at the meeting.

- Gus Banks

LETTER FROM THE EDITOR

Dear readers,

This issue brings another evolution of the Candy Apple. We now use the Macintosh. With the increasing presence of the Macintosh in the graphics workplace, we felt it was time to take the plunge. We still use the IIGS; for instance we get articles from people in Appleworks on 5-1/4" disks. Using the GS, we save them as text files on 3-1/2" disks which can be converted to Mac text files by way of a Systems utility called File Transfer.

Next month we hope to be printing on a LaserWriter, but this month we're making the transition with the ImageWriter.

I created the cover banner using Adobe Illustrator, and what a pleasure it was. I used to say, "Computers will never replace graphic artists and illustrators." Now I add, "they will just allow them to do better work."

Leave me messages, articles, and classified ads on the club bulletin board if you have a modem. I welcome feedback.

-Terry Wilson

IN TONGUES

THE TOWER OF BABEL

I suspect that I am not alone in my vast frustration with the innumerable operating systems and formats that abound in the computer world. Without even leaving the Apple IIe, we have DOS 3.3, ProDOS (innumerable revs), the PASCAL operating system, the FORTRAN operating system (which is very close to PASCAL), and then specialized operating systems like PROMAL and APPLEWORKS. (The last two run under ProDOS, but provide some bells and whistles of their own.)

And that's just on ONE computer! I have a correspondent in California who operates a couple of MS-DOS machines. In order to be able to exchange text files with her, I had to lay out \$400 for an Envoy disk system and then spend several days writing a program which would make the resulting mess intelligible.

And let me assure you that the situation is just as bad among work-stations, mini-computers, and main frames.

For the last several months, it has appeared that maybe there was light at the end of the tunnel. A strong tendency was evident among computer manufacturers to standardize on an operating system (and by implication, on disk formats). In fact a standards committee was set up to develop a version of UNIX that would BE the standard.

Gone would be the days when manufacturers knew that, once they made a sale, that customer belonged to them forever. The customer had no hope of running any of his software, purchased or developed, on any other system because of the gross and deliberate incompatibilities in hardware and operating systems.

With a standard operating system, a vendor would have to work just as hard to keep a customer as he did to obtain him in the first place.

UNIX, as the standard operating system, wasn't a

good choice, but it was the only choice. It's cryptic, not particularly user friendly, in many cases quite slow, and lacks (at least for now) many of the frills that a sophisticated user has come to take for granted in the more elaborate systems. However it was the only choice because only in UNIX could all vendors find an operating system that was not carefully tailored to one vendor's hardware. Adopting UNIX would give no one vendor an immediate advantage over his competition.

However, as usual, the light at the end of the tunnel turned out to be the headlamp of an onrushing locomotive.

In the last few weeks, AT&T which owns the copyright on UNIX, announced a few 'upgrades and improvements', changes which were patently intended to make their operating partner, SUN SYSTEMS hardware outperform the competition.

I don't for a moment believe that AT&T thought they could push these changes through without being flagged for them. Companies like IBM and DEC didn't get to be giants by being dumb. So I can only believe that AT&T decided that the Tower of Babel was more profitable than any standard would be. They wanted the old ways to continue.

And they seem to have accomplished their purpose. Within days of the AT&T announcement, IBM and DEC announced a joint venture to come up with a system to compete with UNIX.

Note that I said 'seem'. As computer powers go, AT&T is very bush league. But they have succeeded in getting the two most notorious enemies in the computer world to crawl into bed together. So now we have in one corner, a telephone company that wants to be a computer power allied with a maker of desk top work stations, and in the other corner, the rest of the computer world lead by the TEAM of IBM and DEC. Who do you suppose is going to win that fracas?

-WM Carey

CALENDAR

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
JUNE			1	2	3 Mac SIG 	4 Candy Apple. deadline 
5	6	7	8	9	10 Exec Board Meeting 	11
12	13	14	15	16	17 Main Meeting 	18 PACS mtg., LaSalle Coll.
19	20	21 GR.A.P.E. mtg Delaware	22 llgs SIG 	23 Newcomer SIG 	24	25
26	27	28	29	30		

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
JULY					1 Mac SIG 	2 Candy Apple. deadline 
3	4	5	6	7	8 Exec Board Meeting 	9
10	11	12	13	14	15 Main Meeting 	16 PACS mtg., LaSalle Coll.
17	18	19 GR.A.P.E. mtg Delaware	20 llgs SIG 	21 Newcomer SIG 	22	23
24 31	25	26	27	28	29	30

Meetings begin at 7:30 pm unless otherwise announced.
For SIG meeting locations and other information, call the appropriate numbers listed in the Officers' Box on page 2.
Map to the Main Meeting, at the Cherry Hill Municipal Building, is on the back cover.

NEWCOMER'S SIG

If you are new to computing and need to familiarize yourself with the basics, this is the place to go. The group answers questions and tries to iron out problems, in addition to whatever agenda Ed Gaugler plans. Call him at 424-5547 for directions to the meeting.

IIGS SIG

If you're a GS user, you will enjoy the GS SIG. We help each other solve problems and exchange experiences we have with various software/hardware products. Call Larre Hoke for directions to the meeting (795-3720).

MAC SIG

The Macintosh SIG meets the first Friday of each month. They are now meeting at the Cherry Hill Library (downstairs) to accommodate the growing numbers of people attending. Contact Dave Taylor (482-5512) for further information.

EXECUTIVE BOARD MEETING

The SJAUG board meets the Friday before the Main Meeting. Anyone is welcome to come. Call one of the officers (page 2) for updated meeting place information.

OTHER AREA USER GROUPS

The Candy Apple includes other Apple related clubs in the calendar, like GR.A.P.E. and PACS. If anyone knows of any workshops or exhibitions other members may be interested in, please contact the editor so we may also include it in the calendar.

GR.A.P.E. stands for Greater Apple Program Exchange and meets monthly in the Community Room by Penney's in the Christiana Mall in Wilmington, Del. The main meeting starts at 7:30, preceded by a beginners' session at 6:45. A few of their members are also members in our group, and occasionally we exchange materials for our newsletters.

PACS stands for Philadelphia Area Computer Society, a conglomeration of about 60 SIGs covering just about any kind of computer or application you can think of. They hold a five-hour-long marathon of programs, classes, demos, etc. once a month (3rd Saturday) at La Salle College, 20th and Olney, starting at 9 am. Again, some of our people also are active over there. For further information, call (215) 951-1255.

OVER 33 BILLION DOLLARS!

In order to impress us with the value of compound interest, I once had an instructor who told us that if Columbus had put one dollar in a 5% savings account in 1492, and if it had been left to accumulate interest without withdrawal, the account would now have over 33 billion dollars in it.

That sounded incredible, so I wrote a short program to print out the value of the account at the end of each year, starting with 1492.

The printout shows 500 years of activity taking us through 1992. Of course the Apple computer carries only 8 significant figures. After about 400 years the numbers would reach into the 9th place (tenths of a billion). This causes the computer to switch to floating point notation.

While this is not too difficult to read, it can be

```
In 1492 Columbus put $1
In a savings account paying 5%
1492 Closing Balance is 1.05
1493 Closing Balance is 1.1025
1494 Closing Balance is 1.157625
.....
1892 Closing Balance is 313984996
....Balance now shown in Millions...
1893 Closing Balance is 329.684246
.....
1987 Closing Balance is 32351.3419
1988 Closing Balance is 33968.909
```

avoided by switching from dollars to millions of dollars.

The program used to produce the printout is listed below. A partial reproduction of the printout--the whole printout has over 500 lines--is also shown.

Listing:

```
10 rem COLUMBUS PROGRAM WITH 5%
20 rem INTEREST
30 rem WRITTEN JANUARY 13, 1987
40 print "IN 1492 COLUMBUS PUT $1"
50 print "IN A SAVINGS ACCOUNT PAYING 5%."
55 print
60 YEAR = 1492: BALANCE = 1
70 for A = 0 to 500
80 BALANCE = 1.05 * BALANCE
90 YEAR = 1492 + A
100 print YEAR;" CLOSING BALANCE IS ";
    BALANCE
110 if A = 400 then 500
120 next A
130 end
500 print
510 print "BALANCE NOW SHOWN IN
    MILLIONS"
520 print
530 BALANCE = BALANCE / 1000000
540 goto 120
```

-Bob Wilson

WYSI'ntWYG

PUBLISH IT!, by Timeworks \$99.95
(cheaper at Egghead)

This is a desktop publishing program for the Apple IIc/IIgs/enhanced IIe. 128K required. Mouse or joystick.

After reading a review of this product in the April edition of *inCider* magazine, I was really excited and could hardly wait to get my hands on this top rated program. But what you read is not what you get!

Publish It! is an object-oriented program, which means that your graphic frames, text columns, horizontal or vertical lines, rectangles, circles etc. can all be moved or reshaped by simply clicking and dragging.

Before you can enter or import text a text box must be created. These columns can be different sizes and can be squares or rectangles. There is a linking icon in the tool box which permits you to link text columns even if they are on different pages; very helpful when doing a newsletter when you want different stories to continue on different pages. To help you with your layout, the Select Guides option allows you to divide your page into rectangular sections of 1, 4, 9, or 16 equal parts (or no guides). With guides, you can use the Snap To Guides option, which works when creating text columns or graphics boxes. Your object will automatically be aligned to the nearest Page Guide. However, this seemingly nice feature is of very limited use, because it only works when you create a box. Your box won't "snap to" when you decide to resize it or move it around later.

You can work on a document from four different views. Full size, double size, half size (shows whole width but only a portion of the length) and size to fit. Size to fit is the easiest way to begin

laying out your document. You see the whole page and also get an area on the right side to use as a scrap board. Anything placed there will be saved but will not print. This is a handy feature when you want to preview a new layout or print different versions of the same page. The page has rulers on top and down the left side. Measurement can be in inches, centimeters or picas.

TEXT EDITING

Publish It! has a built-in word processor with Search and Replace, centering, justification, tabbing, line and paragraph indenting, cut, copy, and paste. Sorry, no spell checker or hyphenation. I find it hard to work with a program that can justify but not hyphenate. They did include kerning and leading features, but unfortunately you have to print the document to see if you need to use them (more on that later). The cursor jumps to the left of the insertion point, which I find very annoying. In its favor, the screen does rewrite itself very quickly.

The Insert or Delete Page option rennumbers the page you are working on and all subsequent pages. The program has automatic text flow and word wrap, and will rewrap text around graphics boxes if you change your layout or column size. Text may be imported from Appleworks, Bank Street Writer or other word processing programs in standard ASCII format. The fonts provided with the program looked very nice on the ImageWriter II, and font pack 1 is available with additional fonts. A laser pack is required for printing documents on a laser printer.

GRAPHICS FEATURES

To incorporate graphics on your page, first you create a graphics box. Choose Import Picture from the File menu and then select the picture you want from the screen. You can resize the frame to crop the part of the picture you want, but there is a problem here; the cropping box is not very accurate, and will chop off parts of the picture that are well inside the area selected - then you have to start all over and re-import the picture. The program comes with art and more is available in Picture Pack 1. You can also import graphics from Broderbund's Dazzle Draw, Apple's Mouse Paint, Beagle Graphics files, ThunderScan, or any other pictures in Apple standard high resolution or double-high resolution format.

The tool box includes a Line Tool to draw horizontal or vertical lines; a Box Tool for creating squares or rectangles; a Rounded Corner Box, and a circle tool. You can choose from six solid line widths and 24 pen patterns or create your own

JANSSEN'S



KWIK-KOPY #436
2442 ROUTE 38 - PLAZA 38
CHERRY HILL, NJ 08002
(609) 482-2940

pattern. Unfortunately, there is no graphic editor or provision to create art from within the program. I called Timeworks and was told that one was not planned for future updates.

Keyboard commands can be used instead of a mouse or joystick for 24 items. You can delete files right from the File menu. You can overlap objects and have a Move to Back/Front option. Again a caution, I tried to put a small text box in a piece of art, it looked fine on the monitor but printed out with a part of the graphic covered up. I had to resize, reposition the text box, and print out several times before I got what I wanted.

THE BOTTOM LINE

Publish It! is very easy to use and quick to learn. You will be up and printing in no time at all. I really like this program but it does have some very disturbing quirks. What you see is not what you get. The screen font bears no resemblance to the chosen font, and some letter combinations look like they need kerning, but print out fine. There is a grouping option but it only groups things until you click onto another icon, so it really does not help much. There is no way to lock objects and the "handles" are very small and only the lower right handle reshapes objects, which is a problem. Unless you are very careful you could be moving the object instead of reshaping. I might be pointing at a line and move the whole text column. I spent more time getting things back to where I wanted them than I spent putting them there in the first place.

Under the Format menu is a little box called Use Page Standard. This little menace is not only superfluous but actually causes mistakes. The way it works is that when you are working on a page and start off centering and then decide to do the text flush left (or right or justified) you go up to the format menu and select Left and say ok. You look at your page and lo and behold the text remains centered. You go back to the format menu and realize you have to click on Left and also click off Use Page Standard. I would think that if I tell it something once it should be enough. All these defaults are set in the Page menu so beware when you set up the defaults.

Even with these problems (which I hope the updates will address), I still think Publish It! is a nice, usable program; maybe not for deadline oriented publications, but more than adequate for informal use.

-Jeanne Lorenzo

BBS NUMBERS

Here are some bulletin board systems (mostly Apple related, but not all). Most of the bulletin boards run at 1200 or 300 baud, no parity and 1 stop bit (8N1). There are no fees to use these boards, other than the toll call.

Beagle Bros. 619-452-5565

SAN DIEGO, CA

The perfect place to get those tough questions answered about Beagle products

Appleworks BBS 702-831-1722

This board was started by Rupert Lissner, the author of Appleworks. On this BBS you will find technical information about the inner workings of Appleworks, and plenty of downloads including some source files. *NEWARK, NJ*

Computer Direct BBS 312-382-3270

CHICAGO, IL

(2400/1200/300)
This is a multi (5 phone lines) BBS set up by a mail order firm. They have a chat/conference section, and boards for Commodore, Apple/Laser, Atari, IBM, Amiga, Tech Tips, and a trading post. The mail order company has an electronic catalog available online, and a section for those who need help with the company's products.

Quality Computer 312-885-4248

Another BBS by a mail order firm. Quality specializes in Applied Engineering products, and their own RAMUP software products. They have a help/tip board, Apple board, and a for sale board. There are a few downloads. *CHICAGO, IL*

Renegades Revenge 302-738-5484

DELAWARE

(300 baud only)
A local BBS frequented by some members of DUMPS, there are Apple, IBM, Commodore and Atari boards, along with a general topics board and a trading post. The board is a friendly, active one with plenty of helpful members to answer questions.

The Search System 215-663-1500

PHILLY

Think of this one as an electronic newspaper. Lots of ads both commercial and public, news from around the world, gold and market prices, jokes and good "general topic" articles, just the thing to sit down to with a cup of morning coffee. Part of a network of similar BBS's around the country.

-Thanks to The Screen Dump



I DIDN'T KNOW YOU COULD DO THAT WITH A COMPUTER!

The Next Wave: Kiddie Computers

It may be foolish to let a five-year-old handle your \$2,000 computer system, but the kids are alright with a "kiddie computer." At the American International Toy Fair in New York recently, it seemed like scaled-down plastic models of real computers were beeping out of every showroom.

Exactly ten years ago, Texas Instruments started the idea that microchips could teach kids to learn when they released their successful Speak & Spell. Today, "educational electronics" is a \$375 million business, and it's up 25% over last year.

"Socrates" (\$149) is a device that plugs directly into the antenna input on the back of a TV set and connects with its own wireless keyboard. The unit includes four basic activities (math, spelling, music and art) and 94 variations on them. An onscreen robot directs the lessons, which are aimed at children five years and older.

The drawing program, which is called "Super Painter," looks like it's inspired by Apple's "MacPaint." Socrates will be coming to life in May from Video Technology and the inevitable accessory products (mouse, touch pad, speech synthesizer and various cartridges) will be available at a later date. VTech even plans a CAD (computer-aided design) cartridge, presumably for upwardly mobile youngsters.

For older children (9-14), Video Technology makes "Precomputer 1000" (\$90), which teaches typing, geography, history, science and other subjects.

Several companies are making kiddie computers to be used with videocassette recorders. At the Toy Fair Ideal announced their new "View-Master Video System" (\$119), which attaches between any TV and a VHS VCR and is geared toward three to eight year olds.

The child watches a 30 minute videotaped story and interacts with it via a remote control device, actually altering the sound and action on the TV screen. The outcome of the story depends on how the child responds. Ideal has lined up heavy hitters like Big Bird, Kermit The Frog, Mickey Mouse and other celebrities to star in their learning tapes.

Connor Toy Corp. has two similar devices for seven-to-ten year olds, "VideoSmarts" (\$45-\$55) and "ComputerSmarts" (\$110-\$130). The latter can act as a stand-alone device (so you can take it in the car, for instance) and both can be hooked up with a TV and VCR, the same as Ideal's machine.

VideoSmarts and ComputerSmarts are interactive, but in a limited way. Correct or incorrect answers are indicated on the screen with buzzers, but the child cannot influence the videotape in any way. In an attempt to make their devices as inexpensive as possible, Connor has not licensed any familiar children's characters. A new version of ComputerSmarts will be coming out this summer for \$80-\$100. All these devices stress what educators call "drill and practice" lessons. That is, multiple choice and right/wrong answers.

"Computer Fun" (\$90) from Texas

Instruments poses questions which have no wrong answers and tries to encourage exploration and discovery. Computer Fun includes 12 games and a built-in microphone so the child can communicate with his or her voice. Texas Instruments is well-known for its advanced speech technology. Computer Fun is for ages four through seven, and will be available this fall.

All these devices allow provide positive reinforcement and promote interaction rather than just passive television viewing.

-Dan Gutman
(downloaded from
Genie.)

REDISCOVERING THE BBS

Since Ed Gaugler has put the bulletin board back in service people have been rediscovering our SJAUG BBS. Those of us with new modems have been logging on and plumbing the mysteries of telecommunications. Our own board is easy to use and filled with familiar names. The number again is 424-1382.

One of the better known information services is GENie, from General Electric. There is a one-time fee of \$18.00 for signing up, but if you are a subscriber to OPEN-APPLE this fee is waived. Tom Weishaar, publisher of OPEN-APPLE, is running the APPLE section of GENie.

There are many roundtables on GENie of interest to Apple II users. PROTREE, A2, A2Pro (for programmers), CP/M, Apple User Group, are examples of these. Each roundtable has its own bulletin board. GENie charges \$5.00 an hour to use the service.

My experience thus far with GENie is limited. The article on Kiddie Computers by Dan Gutman was downloaded from GENie. Designing for the young market is a tricky business. Most children seem to be hooked on Nintendo.

-Ethel Graham

The UNOFFICIAL PRINT SHOP TIP SHEET

THE THIRD PAGE

I use a lot of rhymes in my greeting cards and always use the Give Yourself Credit line on the back for the kicker, one last way to squeeze a little more creativity into my card.

SURPRISE TILE

Sometimes I like to use a tile format for the front of a greeting card, but I find it a lot of fun to make one of the graphics a little different than all the others. I start off by loading the desired graphic into the Graphic Editor. Then I change a color in it or rotate it or make a different facial expression or whatever I need for the message I am trying to convey. I save it to a data disk under a related name and then start on my project. I often use a large version of the "surprise" tile inside.

IIGS SAMPLER EDITION

If you have the GS version of Print Shop and were wondering about buying the Sampler Edition Graphics Library, I want to tell you that it has wonderful graphics and graphic panels. The Kite panel is absolutely beautiful. It has some really nice borders, and some good looking new fonts.

- Jeanne Lorenzo

BIG RED IS NUMBER ONE

Datapro Research Corp., a computer-analysis firm from New Jersey, announced its 1987 awards for computer hardware and software and Apple Computer grabbed the two top honors. The Mac II was the hardware product of the year and HyperCard won for best software.

IBM hardware and its new OS/2 operating system were not even mentioned.

THANKS

Mike Wogan, club book librarian, would like to thank Howard Mead for donating books and magazines to the club.

MEMBERSHIP NEWS & INFO

If you are not yet a member of the South Jersey Apple Users Group, annual dues are only \$15. This gets you disk library privileges (\$4 a disk), a monthly newsletter with reviews and other goodies, special interest group meetings, monthly main meetings, a club bulletin board system, and a chance to make new friends who share your enthusiasm for computers.

Join up at the main meetings (3rd Friday of the month) or mail your dues to the Club box number address listed on page 2.

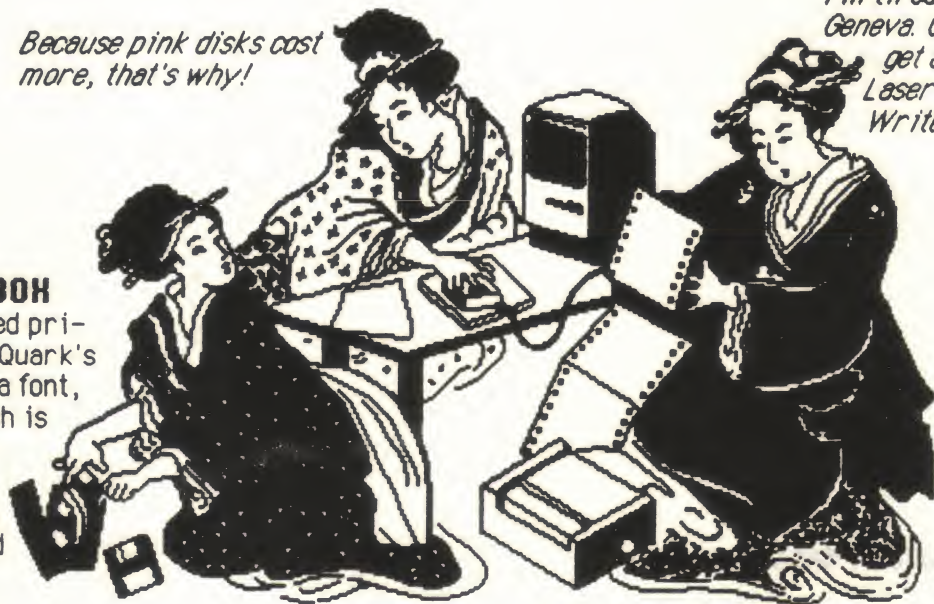
Apple, Appleworks, ImageWriter, Mac, and the Apple logo are registered trademarks of Apple Computer, Inc. Macintosh is a trademark of Apple Computer, Inc.

Because pink disks cost more, that's why!

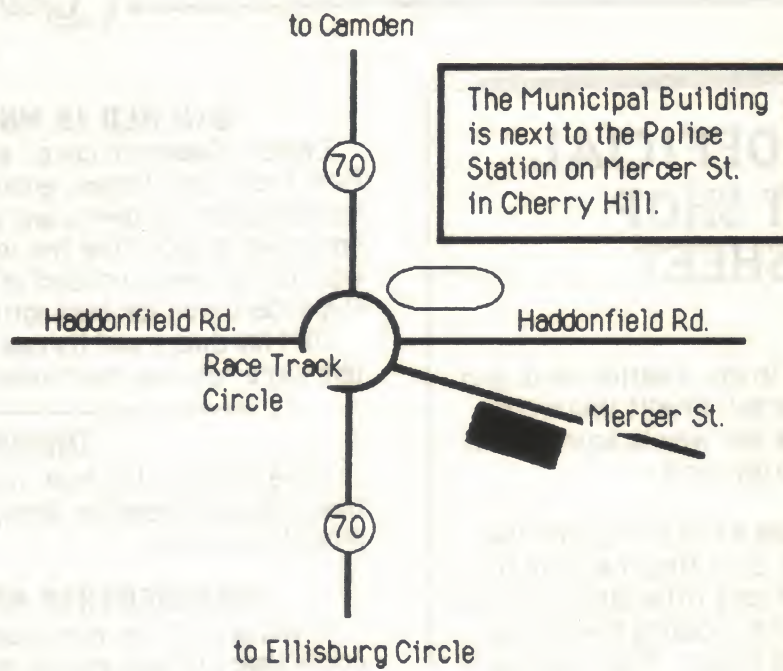
I'm tired of Geneva. Can we get a Laser-Writer?

CANDY APPLE TOOLBOX

The Candy Apple is produced primarily on a Macintosh using Quark's Xpress in the 10 point Geneva font, except for the calendar, which is created via DrawPlus on the Apple II GS. The cover logo was created on the Mac using Adobe Illustrator. We printed out with the ImageWriter II.



Candy Apple



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Dated Material